

WhAT IS CLAIMED:

1. An electronic image pickup apparatus that converts a subject image imaged by an image-taking optical system into an electrical signal using an imager provided behind a picture-taking lens barrel, comprising:

a generally flattened, apparatus body having a principal body plane that is associated with and generally aligned with a front side of the apparatus;

first and second electrical boards having respective component sides oriented substantially parallel to the principal body plane of the apparatus, the first and second electrical boards being spaced apart at a predetermined interval to create a space;

the lens barrel extending generally perpendicularly to the principal body plane;

a plurality of power supply batteries arranged in the space between the electrical boards so that an axial direction of the plurality of power supply batteries is parallel to the component sides of the electrical boards and the batteries extend in a row without overlapping one another; and

a relay board arranged in the space and connecting the electrical boards.

2. An electronic image pickup apparatus according to claim 1, further comprising:

a strobe flashing unit arranged on an upper surface of the body; and

a capacitor for strobe flashing that is arranged in a space under the strobe flashing unit and between the lens barrel and an internal side wall of the body.

3. An electronic image pickup apparatus according to claim 1, further comprising:

a plurality of connecting terminals installed at predetermined positions on the electrical boards and arranged so that a part of each of the plurality of connecting terminals is exposed to the exterior of the apparatus through a side of the body; and

a member for attachment of a tripod that is arranged in a space surrounded by the plurality of connecting terminals and located on a bottom part of the body.

4. An electronic image pickup apparatus according to claim 1, wherein the location of the relay board is bounded by the electrical boards, the lens barrel, and the power supply batteries.

5. An electronic image pickup apparatus according to claim 1, further comprising an image memory board having a main body plane that extends substantially parallel to the principal body plane of the apparatus, the memory board being positioned in a space between the front side of the apparatus and the electrical boards.

6. An electronic image pickup apparatus according to claim 1, further comprising a battery chamber in which the plurality of batteries are located and a battery chamber lid provided at a bottom side of the apparatus body.

7. An electronic image pickup apparatus according to claim 1, further comprising a reflective liquid crystal display unit disposed at a rear side of the body of the apparatus.